LANIER

DIGITAL IMAGING SYSTEM

LD040B
LD050B

Speed, efficiency and security in one powerful digital imaging system

Maximum black & white copy productivity plus print, fax and monochrome scanning capabilities

The power and flexibility to get your job done

Wouldn't it be nice if you could expand your digital imaging resources without expending your budget? The Lanier LD040B & LD050B Digital Imaging Systems let you do exactly that. Now you'll have the flexibility to maximize production with output speeds of up to 50 pages per minute, conserve IT resources with advanced network printing and monitoring capabilities, and save time and money with Super G3 and Internet faxing.

Confidentiality is ensured with unsurpassed security, and documents are finished easily and professionally. These systems also streamline document distribution with the black & white scanning capabilities of the LD040B & LD050B.

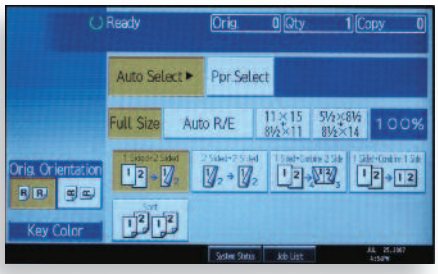
The resources you need to drive productivity

The fastest way to get more done is to have the right resources at your fingertips. The Lanier LD040B & LD050B systems easily put functionality and flexibility within your reach.

- Boost production with up to 50 black & white copies/prints per minute.
- Take advantage of cost-free document distribution, storage and versatile scanning capabilities with the Lanier LD040B & LD050B.
- Save time with up to three Super G3 fax lines and eliminate long-distance phone charges with Internet fax capabilities.
- Impress internal and external customers with crisp 600 dpi resolution and 256 gray scale levels.
- Increase your processing and storage capabilities with up to 512 MB RAM and an optional 40 GB Hard Disk Drive.
- Put the final touch on your documents with three different finishing options, any one of which will add a professional look to your documents.

Get the speed, security and capabilities you need to drive productivity in your organization.

The large, 8.5-inch color touch panel lets you choose from normal or simplified display for maximum visibility and easier operation.



Scanning: the new standard of convenience

A variety of sophisticated yet user-friendly scan functions makes document distribution cost-free and convenient.

- Eliminate postage and overnight delivery costs via Scan-to-Email with the black & white scanning capabilities of the LD040B and LD050B. Plus, access your company's LDAP directory to maximize the use of existing company information and ensure accuracy.
- Save physical space and time when you convert paper copies to electronic files and store them in a network folder with Scan-to-Folder—you no longer have to detach documents and save them electronically. Not only will you be able to easily find and retrieve files, but designated users on your LAN or WAN can access, review and update the files as well.
- Ensure that you've captured documents accurately using the Thumbnail view.
- Reduce the burden to network traffic and transmit more efficiently with Scan-to-URL, which stores the document on the Hard Disk Drive of the device. Recipients can then view and download the files from any Web browser.

All the resources you want for maximum productivity

More productive printing

The Lanier LD040B & LD050B systems work seamlessly with today's most popular operating systems and print drivers.

- Accept data from Windows®, AS/400, Linux, Macintosh® and Novell® for seamless integration with a variety of network operating systems.
- Finish documents quickly via an icon-based Graphical User Interface using the Refined Print Command Stream (RPCS) print driver.
- Output documents generated from the most common business applications with PCL5e/6 print drivers or genuine Adobe® PostScript® 3™.
- Reorder print and copy jobs according to the most pressing priorities with the Job Function List.
- Use PDF Direct Print to print PDFs quickly without opening an application and slowing down your network.
- Improve security by password protecting your print files until you release them right at the system. You can even print and delete multiple documents in a single operation.

Time- and money-saving fax features

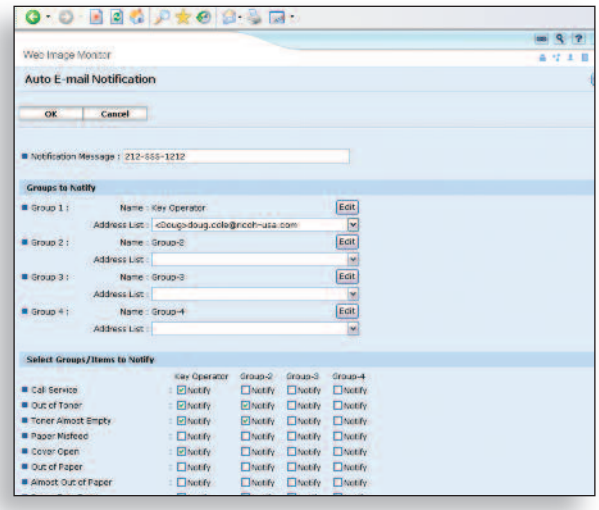
Fax more conveniently and economically with these innovative fax capabilities:

- Send hard copies at a quick 2 seconds per page on up to three analog lines via the Super G3 Modem and standard JBIG compression.
- Save time and paper with LAN fax and send faxes right from your desktop.
- Capitalize on the cost-saving benefits of IP faxing (T.38) for fast, high quality communication: send and receive faxes directly over your LAN or WAN, bypassing your PSTN (Public Switched Telephone Network).
- Deliver inbound faxes quickly by automatically forwarding them to e-mail addresses or network folders. Recipients receive an automatic e-mail notification of fax deliveries.

Scan-to-URL

Scan-to-URL improves information sharing in your organization while minimizing network traffic.

Auto e-mail notification



Administrators can configure auto e-mail notification for up to 4 groups.

Intuitive tools to maximize efficiency

The Lanier suite of easy-to-use software utilities simplifies system management, monitoring and troubleshooting—everything needed to ensure smooth daily operation.

- Enable Web access to systems settings, address book, and much more, using the Web Image Monitor.
- Manage multiple connected Lanier devices efficiently. The Web SmartDeviceMonitor allows centralized configuration, monitoring and management.
- Allow IT to query the device for important system reports, regardless of location, using On-demand Status E-mail Notification.
- Maximize uptime. Auto E-mail Notification sends a report to a designated e-mail address when the machine is not operating at optimum performance levels; for instance, when the toner is low.

Security every step of the way

Sophisticated security features protect not only you, but also your customers, business partners and employees with the Lanier LD040B & LD050B.

- Prevent unauthorized access to system functions with Windows/LDAP/Kerberos authentication, which requires a valid user name and password.

- Ensure unauthorized documents are never duplicated with the optional Copy Data Security Unit, which grays-out text when copied.
- Protect temporary data stored on the Hard Drive with DataOverwriteSecurity, which overwrites latent copy, print, scan, fax and Document Server data.
- Protect address book data with Encrypted Address Book, which protects data even if the built-in hard drive is removed, disposed of or stolen.
- Secure Internet Protocol (IP) communication by authenticating and/or encrypting each IP packet in a data stream with IPsec Communication and transmit PDFs securely with Encrypted PDF Transmission.
- Encrypt Hard Disk Drive and Non-Volatile RAM data immediately upon storage with the HDD Data Encryption.

Technology to empower your business

At Lanier, we're committed to helping you achieve your goals for reducing overall Total Cost of Ownership, optimizing fleet management and ultimately increasing employee productivity. The @Remote Intelligent Management System is a powerful tool that offers Device Management solutions for…

- Automating service call procedures, eliminating the need for end-users to initiate service calls. If a service call is required, the @Remote network appliance automatically places a request for service—including detailed and accurate diagnostic information.
- Upgrading and adjusting your devices via remote firmware applications, which means that your devices will always be functioning within the most current and productive operational parameters.
- Ensuring that your devices are constantly up and running by sending alerts, such as low toner warning.

User-friendly accessibility

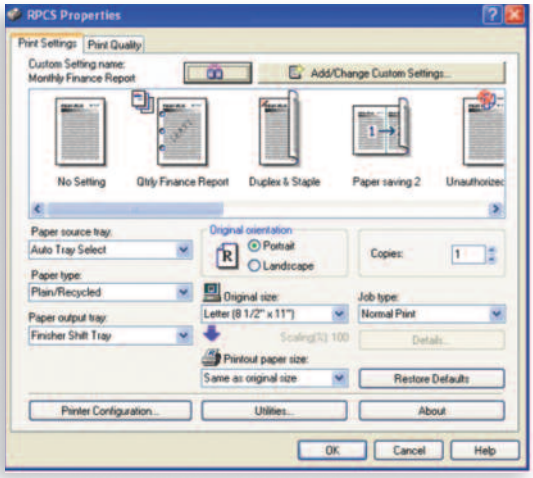
The Lanier LD040B & LD050B systems not only give you more functionality, but also make their powerful features more accessible to all users.

- Open and close paper trays effortlessly with overhand/underhand grips.
- Increase readability with the Simplified Display.

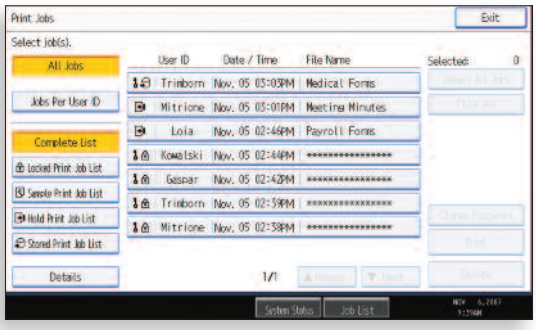
Open Architecture

The Lanier Embedded Software Architecture—an innovative Java (J2ME-compatible) software development platform—allows for the development of key applications that run on the Lanier LD040B & LD050B.

- Dramatically enhance your organization's workflow.
- Customize to meet your needs by controlling features such as the operation panel, printing, saving files and scanning.



Process jobs quickly and easily when you save special settings with the Refined Print Command Stream icon-based print driver.



The Hold/Locked/Stored Print functions let you hold your documents securely in the device until you're ready to print them.

Your Environmental Partner

Lanier continues its long-standing commitment to developing office solutions with environmentally friendly and superior energy- and supply-saving features, without compromising productivity.

100-Sheet Automatic Reversing Document Feeder (ARDF) (standard).
Efficiently handles multi-page and double-sided originals up to 11" x 17".

Inner One-Bin Tray (optional)
Provides a cost-effective option to separate copy output from prints or faxes.

Easy-to-Replace Toner Cartridge
Toner is not only easy to replace but offers high image definition, yielding superior quality on every page.

Over/Underhand-Grip Tray Handles and Easy-Open Trays
Ensure effortless paper loading for all users.

Finishers (optional)
Choose from a variety of professional finishing options that let you keep more work in-house, boost productivity and cut your outsourcing costs:

1,000-Sheet Finisher
Holds up to 1,000 sheets of 8 1/2" x 11" or smaller, 20 lb. Bond (500 sheets of 8 1/2" x 14" or larger) and automatically staples in three different positions.

2,000-Sheet Booklet/Saddle Stitch Finisher (shown)
Automatically staples and punches (optional) your work to produce professional-quality booklets with a variety of staple and hole positions (2 or 3 holes).

3,000-Sheet Multi-Tray Finisher
Multiplies your productivity, convenience and versatility with high capacity trays and optional 2- or 3-hole punching and stapling in a variety of positions on a wide selection of paper weights and sizes.

Intuitive Control Panel
Full-color VGA display with graphic icons and animated guidance for easy programming.

Automatic Stackless Duplexing (standard)
Produces cost-saving two-sided booklets, brochures, agendas, and more.

100-Sheet Stack Bypass
Holds a variety of paper types and weights up to 58 lb. Bond.

Standard Dual 550-Sheet Paper Trays
Further boost your productivity and efficiency by keeping day-to-day maintenance to a minimum.

Large Capacity Tray (optional)
Holds an additional 1,200 letter-sized sheets to optimize workflow and keep user intervention on large jobs at an absolute minimum.

Two 550-Sheet Tray Paper Bank (optional)
Up to five different sizes and orientations of paper can be loaded at all times for maximum versatility.

2,000-Sheet (Letter-Sized) Large Capacity Tray also available.

Document Server (requires Hard Disk Drive)
Document Server is a secure, virtual filing cabinet that stores up to 3,000 documents. Frequently used documents can be reprinted, refaxed and rescanned.

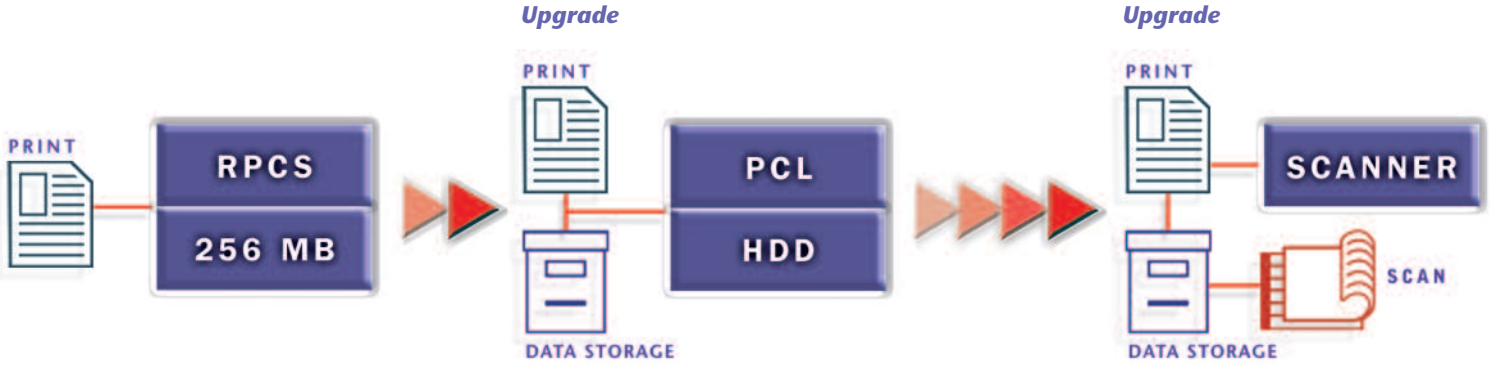
Choose your finishing options

1,000-Sheet Finisher

Booklet/Saddle-Stitch Finisher holds up to 2,000 sheets

Multi-Tray Finisher holds up to 3,000 sheets

Flexible upgrade path
(Lanier LD040B/LD050B Systems only)



For a low-cost network printer, where a specific printer language is not required, start with Lanier's RPCS printer unit.

For the next step up, add the Printer Enhance and get PCL printing and document storage capabilities.

For a device that can send cost-free documents electronically anywhere in the world, simply add the Scanner Enhance for black & white scanning.

For an all inclusive solution, a Printer/Scanner Kit is also available.

LANIER

DIGITAL IMAGING SYSTEM

LD040B & LD050B

SPECIFICATIONS

ENGINE/COPIER SPECIFICATIONS

Configuration	Console
Scanning Element	Flatbed with Moving CCD Array Image Sensor
Printing Process	Twin Laser Beam Scanning & Electrophotographic Printing
Toner	Dry, Dual Component
System Memory (std./max.)	LD040B/LD050B: 256/512 MB RAM
Hard Disk Drive	LD040B/LD050B: 40 GB (Optional)
Document Feeder	100-Sheet ARDF (Standard)
Copy Resolution	600 x 600 dpi
Grayscale	256 levels
Exposure Adjustment	Manual & Automatic (Standard)
Quantity Indicator	Up to 999
Original Type	Book/Sheet/Object
Maximum Original Size	Up to 11" x 17"
Copy Size	5.5" x 8.5" to 11" x 17"
Copy Type	Plain Paper, Transparencies, Recycled Paper, Card Stock, Letterhead
Warm-Up Time	13 seconds
First Copy Speed	LD040B: 4.1 seconds LD050B: 3.5 seconds
Continuous Copying Speed	LD040B: 40 copies/minute (LTR) LD050B: 50 copies/minute (LTR)
Recovery Time	10 seconds (From Auto Off)
Power Source	120V/60Hz/12A
Dimensions	26.4" (W) x 35.8" (H) x 26.6" (D)
Weight	213.8 lbs.
Standard Paper Capacity	550 sheets x 2 trays 100-Sheet Bypass Tray
Optional Paper Capacity	550 sheets x 2 trays OR 2,000 x 1; 1,200-Sheet Large Capacity Tray (LCT)
Paper Tray Copy Size	8.5" x 11" to 11" x 17"
Bypass Tray Copy Size	5.5" x 8.5" to 11" x 17"
Paper Weight	Tray 1 & 2: 16 – 45 lb. Bond/60 – 169 g/m² Bypass: 14 – 58 lb. Bond/52 – 220 g/m² Duplex: 16 – 45 lb. Bond/60 – 169 g/m²
Reduction Ratios	25%, 50%, 65%, 73%, 78%, 85%, 93%
Enlargement Ratios	121%, 129%, 155%, 200%, 400%
Zoom	25% to 400% in 1% increments
Standard Features	Auto Magnification, Auto Paper Select, Auto Tray Switch, Center/Border Erase, Chapters, Combine Mode, Cover Insertion, Date Stamp, Directional Magnification, Double Copy, Electronic/Rotate Sorting, English Pre-Set Stamps, Full Color VGA Touch Screen, 10 Job Programs, Negative/Positive, OHP Slip Sheet, Page Number Stamp, Paper Designate, Sample Copy, 500 User Codes, Simplified Display
Hard Drive Required	8 Job Presets, Background Numbering, Booklet/Magazine Copy, Document Server (3,000 File Capacity), Series Copy, User Stamps

PRINTER SPECIFICATIONS (OPTION)

Print Speed	LD040B: 40 ppm LD050B: 50 ppm
CPU	RM7035C-533 MHz
Standard Interfaces	10BaseT/100BaseTX, USB 2.0
Optional Interfaces	IEEE 802.11a/b/g Wireless LAN, Bluetooth, Gigabit Ethernet, IEEE 1284, Parallel Interface Board Type A
Memory Capacity	Shared with Copier Memory
Network Protocol	TCP/IP, IPX/SPX, AppleTalk
Network Operating Systems	Windows Vista/2000/XP/Server 2003 Netware 3.12, 3.2, 4.1, 4.11, 5.0, 5.1, 6.0, 6.5, UNIX; Sun Solaris, HP-UX, SCO OpenServer, RedHat Linux, IBM AIX, Mac OS 8.6 – 9.2x, OS X 10.1 or later, SAP R/3, NDPS Gateway, IBM iSeries/ AS/400 using OS/400 Host Print Transform, Citrix Metaframe
Utilities	Web SmartDeviceMonitor, SmartDeviceMonitor, Web Image Monitor
Page Description Languages	RPCS, PCL5e/6 and Adobe PostScript 3
Print Resolution	Up to 600 dpi (2400 x 600 dpi with smoothing)
Fonts for PCL5e/6	35 Intellifonts, 10 Truetype Fonts and 13 International Fonts
Fonts for PS3	136 PostScript Fonts
Features	Sample/Locked/Hold/Stored Print*
Optional Features	PDF Direct Print

*Hard Drive required

SCANNER SPECIFICATIONS (OPTION)

Scanning Speed	BW: 61 ipm (@200 dpi)
Scanning Resolution	Up to 600 dpi
Grayscale	256 levels
Scan Area	Up to 11" x 17"
Standard Interfaces	10BaseT/100BaseTX Ethernet
Optional Interfaces	Wireless LAN (802.11a/b/g), Gigabit Ethernet
Protocol	TCP/IP, SMTP, SMB, FTP, POP3, NCP
Memory Capacity	Shared with Copier Memory
Standard Features	Embedded Scan-to-Email, HDD, Folder, URL Single Page and Multi-Page TIFF, PDF, Single-Page JPEG
File Formats	

FAX SPECIFICATIONS (OPTION)

Circuit	PSTN, PBX
Compatibility	ITU-T G3
Resolution	200 x 200/100 dpi (Standard) 400 x 400 dpi (Optional)
Compression Method	MH, MR, MMR, JBIG
Scanning Speed	0.40 seconds (LEF)
Modem Speed	33.6 Kbps with Auto Fallback
Transmission Speed	G3: 3 seconds per page (MMR Compression) G3: 2 seconds per page (JBIG Compression)
Memory	4 MB standard (320 pages) 28 MB maximum (2,240 pages)
Memory Backup	1 hour
Auto Dials	2,000 (with HDD)
Group Dials	100 (max. 500 numbers per group)
ID Code Programming	4 digits
User Function Key	3 keys
Standard Features	Book Transmission, Dual Access, Image Rotation; LAN-Fax Capability*, Internet Faxing (T.37)*, IP Faxing (T.38)*, Fax Forwarding to E-mail/HDD/Folder*
Optional Features	Simultaneous operation of up to 3 lines (G3 x 3)

*Requires optional Printer/Scanner Kit

SECURITY FEATURES (OPTION)*

S/MIME, IPsec Communication, Locked Print Password Encryption, Encrypt Address Book, SSL Secure Socket Layer, Windows/LDAP/User Authentication, SNMP v3, Encryption of Password PDF, Encrypted PDF

*Printer/Scanner Kit required

ONE–BIN TRAY BN3040 (OPTION)

Paper Size	5.5" x 8.5" – 11" x 17"/A3 – A5
Paper Weight	16 to 28 lb. Bond/60 – 196 g/m²
Paper Capacity	125 sheets

RT3000 LARGE CAPACITY TRAY (OPTION)

Paper Size	8.5" x 11"/A4
Paper Weight	16 to 45 lb. Bond/60 – 169 g/m²
Paper Capacity	1,200 sheets
Dimensions	13.7" (W) x 21.3" (D) x 11.4" (H)

SR790 FINISHER (OPTION)

Paper Size	5.5" x 8.5" – 11" x 17"/A5 – A3
Paper Weight	14 to 68 lb. Bond/52 to 256 g/m² (Proof Tray) 14 to 42 lb. Bond/52 to 163 g/m² (Shift Tray)
Stack Capacity	Proof Tray: 250 sheets (8.5" x 11" or smaller) 50 sheets (8.5" x 14" or larger) Shift Tray: 1,000 sheets (8.5" x 11") 100 sheets (5.5" x 8.5") 500 sheets (8.5" x 14" or larger)
Staple Capacity	50 sheets (8.5" x 11") 30 sheets (8.5" x 14" or larger)
Staple Position	1 staple/2 positions; 2 staples/1 position
Dimensions	10.7" (W) x 20.5" (D) x 31.2" (H)

SR3020 BOOKLET FINISHER (OPTION)

Paper Size	5.5" x 8.5" – 11" x 17"
Paper Weight	14 to 43 lb. Bond/52 to 163 g/m² (Proof Tray) 14 to 68 lb. Bond/52 to 256 g/m² (Shift Tray)
Stack Capacity	Proof Tray: 250 sheets (8.5" x 11" or smaller) 50 sheets (8.5" x 14" or larger) Shift Tray: 2,000 sheets (8.5" x 11") LEF 1,000 sheets (8.5" x 11"– 11"x 17") SEF 100 sheets (5.5" x 8.5")
Staple Capacity	50 sheets (8.5" x 11") 30 sheets (8.5" x 14" or larger)
Staple Position	1 staple/3 positions; 2 staples/2 positions
Saddle Stitch	30 sets (2 – 5 sheets) 15 sets (6 – 10 sheets) 10 sets (11 – 15 sheets)
Dimensions	25.8" (W) x 24.2" (D) x 37.8" (H)

SR3030 FINISHER (OPTION)

Paper Size	5.5" x 8.5" – 11" x 17"
Paper Weight	14 to 43 lb. Bond/52 to 163 g/m² (Proof Tray) 14 to 68 lb. Bond/52 to 256 g/m² (Shift Tray)
Stack Capacity	Proof Tray: 250 sheets (8.5" x 11" or smaller) 50 sheets (8.5" x 14" or larger) Shift Tray: 3,000 sheets (8.5" x 11") LEF 1,500 sheets (8.5" x 11"– 11"x 17") SEF 500 sheets (A5 LEF) 100 sheets (5.5" x 8.5")
Staple Capacity	50 sheets (8.5" x 11") 30 sheets (8.5" x 14" or larger)
Staple Position	1 staple/3 positions; 2 staples/1 position
Dimensions	25.8" (W) x 24.2" (D) x 37.8" (H)

PB3040 PAPER FEED UNIT (OPTION)

Paper Size	8.5" x 11" – 11" x 17"/A4 – A3
Paper Weight	16 to 45 lb. Bond/60 to 169 g/m²
Paper Capacity	550 sheets x 2
Dimensions	22.8" (W) x 24.4" (D) x 10.2" (H)

PB3050 LARGE CAPACITY TRAY (OPTION)

Paper Size	8.5" x 11"/A4
Paper Weight	16 to 45 lb. Bond/60 to 169 g/m²
Paper Capacity	2,000 sheets
Dimensions	22.8" (W) x 24.4" (D) x 10.2" (H)

ADDITIONAL OPTIONS

Bluetooth Interface Unit Type 3245, Bridge Unit Type BU3030, Copy Data Security Unit Type F, DOSS Type I, FAC33 Cabinet, Fax Type 5000, File Format Converter Type E, G3 Interface Type 5000, Gigabit Ethernet Board Type A, Handset Type 1018, HDD Encryption Unit Type A, IEEE 1284 Interface Board Type A, IEEE 802.11a/b/g Interface Unit Type J, Java VM Card Type F, Key Counter Bracket Type H, Optional Counter Interface Type A, PostScript3 Type 5000, Punch Kit Type 3260 (for SR3020 & SR3030), 32 MB Fax Memory, Hard Disk Drive Type 5000, Printer Enhance Type 5000, Printer/Scanner Unit Type 5000, RPCS Printer Unit Type 5000, Scanner Enhance Type 5000

www.lanier.com

Bringing Lanier Value to Your Organization
Lanier technology offers a diverse portfolio of solutions to help your organization stay competitive and move ahead. Let Lanier show you how to empower your business to improve critical processes, keep information secure, ensure compliance and promote environmental sustainability while reducing the total cost of ownership.

Lanier Five Dedrick Place, West Caldwell, NJ 07006

©2010 Lanier is a registered trademark of Ricoh Americas Corporation. All other trademarks are the property of their respective owners. Print speed may be affected by network, application or PC performance. Specifications and external appearances are subject to change without notice. Products are shown with optional features.